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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/812,350	03/29/2004	Yongbin Yuan	1-23361	2687	
46582	7590 03/07/2005		EXAMINER		
	AN, SOBANSKI & TO	GRAHAM, MATTHEW C			
ONE MARITIME PLAZA - FOURTH FLOOR 720 WATER STREET			ART UNIT	PAPER NUMBER	
TOLEDO,	OH 43604		3683	_	
			DATE MAILED: 03/07/200	DATE MAILED: 03/07/2005	

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)
^ /	10/812,350	YUAN ET AL.
Office Action Summary	Examiner	Art Unit
\	Matthew C Graham	3683
The MAILING DATE of this commu Period for Reply	unication appears on the cover sheet	with the correspondence address
A SHORTENED STATUTORY PERIOD THE MAILING DATE OF THIS COMMUI - Extensions of time may be available under the provisio after SIX (6) MONTHS from the mailing date of this cor - If the period for reply specified above is less than thirty If NO period for reply is specified above, the maximum - Failure to reply within the set or extended period for rep Any reply received by the Office later than three months earned patent term adjustment. See 37 CFR 1.704(b).	NICATION. ns of 37 CFR 1.136(a). In no event, however, may nmunication. (30) days, a reply within the statutory minimum of ti statutory period will apply and will expire SIX (6) M6 bly will, by statute, cause the application to become s after the mailing date of this communication, even	a reply be timely filed hirty (30) days will be considered timely. ONTHS from the mailing date of this communication. ABANDONED (35 U.S.C. § 133).
Status		
1) Responsive to communication(s) fi	iled on	
2a)☐ This action is FINAL.	2b)⊠ This action is non-final.	
<u> </u>	•	atters, prosecution as to the merits is
	ctice under <i>Ex parte Quayle</i> , 1935 C	• •
Disposition of Claims		
4) ☐ Claim(s) 1-22 is/are pending in the 4a) Of the above claim(s) is/ 5) ☐ Claim(s) is/are allowed. 6) ☐ Claim(s) 1-22 is/are rejected. 7) ☐ Claim(s) is/are objected to. 8) ☐ Claim(s) are subject to restrict the subject the subject to restrict the subject the	are withdrawn from consideration.	
Application Papers		
9)☐ The specification is objected to by t		
10)☐ The drawing(s) filed on is/ar	e: a)☐ accepted or b)☐ objected t	o by the Examiner.
	jection to the drawing(s) be held in abey	, ,
Replacement drawing sheet(s) including 11) The oath or declaration is objected	-	ng(s) is objected to. See 37 CFR 1.121(d). ed Office Action or form PTO-152.
Priority under 35 U.S.C. § 119		
3. Copies of the certified copies		Application No
* See the attached detailed Office acti		ot received.
Attachment(s)		
Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (B) Information Disclosure Statement(s) (PTO-1449 of Paper No(s)/Mail Date	(PTO-948) Paper No	v Summary (PTO-413) o(s)/Mail Date f Informal Patent Application (PTO-152)

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Art Unit: 3683

1. This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

- 2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
 - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 3. Claims 1-22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Parker.

Parker shows a method of vehicle brake assemble comprising applying a liquid binder and a coating material to a brake show that is them applied to a brake rotor to fill in surface irregularities. The claimed invention differs from Parker only in the type of rotor. It would have been obvious to one of ordinary skill in the art to have utilized a drum brake rotor (and the associated pad) with the method shown by parker as a mere substitute of known equivalents for a variety of reasons dependent on the type of vehicle using the brake.

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Re- claims 2 and 3, Parker shows that the coating is liquefied during contact with

the rotor and thus it is applied first as broadly recited. The coating a liquid binder are

mixed and applied to the pad and thus satisfy the broad limitations recited in claim 3 as

well.

Re- claim 4, Parker shows rolling.

Re- claims 6-10, the particular materials and composition would have been

obvious to one of ordinary skill in the art as mere choices of material and feature to

optimize performance.

Re- claims 11-13, the extent of the coating would have been obvious to one of

ordinary skill in the as a mere choice dependent on the type of braking surface.

Re-claims 14 and 15, Parker shows a shoe and a rotor.

Re-claims 16-22, note the above discussion of claims 1-15.

6. The prior art made of record and not relied upon is considered pertinent to

applicant's disclosure. Warren, Kesavan et al. '405, Gray, Hayes, Jr. and Bommier et

al. show methods of coating a braking surface.

7. Any inquiry concerning this communication should be directed to Matthew

C Graham at telephone number 703-308-2570.

PRIMARY EXAMPLES

GROUP 310